



NITFS

Compliance Registration



Product: VITecELT, Version 6.1, Build November 21, 2003

Sponsor: BAE Systems

Developer: BAE Systems

Date: 23 July 2004

Expiration: 22 July 2006

Registration #: 2024

- ☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

☐ **System**
N-0105/98, §4.1.1

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

NITFS Features Implemented:

Format

NITF

- ☒ v2.1
☒ v2.0
☐ v1.1

NSIF

- ☐ v1.0

Pixel Value Types

- ☒ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☒ CGM, 2301
☒ CGM, 2301A
☒ Labels **

Text Segments

- ☒ STA
☐ UT1
☐ U8S
☒ MTF

Image Segment Types

- ☒ MONO
☒ RGB
☐ RGB/LUT
☐ YCbCr
☐ MULTI
☐ NODISPLAY
☐ POLAR

Image Compression

- ☒ JPEG Lossy, 8-bit
☒ JPEG Lossy, 12-bit
☐ JPEG Downsample
☐ JPEG Lossless
☐ JPEG 2000
☐ Bi-Level
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band

Data Extension Segments

- ☒ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☒ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☐ ASDE
☐ CSDE
☐ Digest
☐ GeoSDE
☒ PDB
☒ CHIPB
☒ IOMAPA
☒ NBLOCA
☒ NSDE
☐ PIAE
☐ RPC00B
☐ RPF
☒ STDIDC
☒ STREOB
USE00A

Complexity Level							
NITF 2.1 CLEVEL	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

-Sun Ultra 60 configured with Solaris 2.8

Legend

- ☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program